

# SOFT HANDOVER METHOD FOR CDMA MOBILE COMMUNICATION SYSTEM

## Abstract

The invention discloses a CDMA soft handover method which can be used in present code division multiple access systems. The invention preserves current soft handover mechanisms triggered by a pilot signal strength variation measured by a mobile station. At the same time it introduces a communication quality indication parameter ----  
5 continuous error frame indication measured by mobile station. Both function together to launch and to activate system soft handover. Without changing present soft handover processes, soft handover performance is improved, possibility of lost conversation is decreased and communication quality is raised.

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